

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ANDREW J. WANIE

Title: WATER SOFTENER MONITORING DEVICE

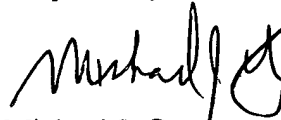
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted under the provision of 37 CFR §§1.56 and 1.97(b)(3). Each reference or document listed on the attached Form PTO-1449 is disclosed herewith.

Respectfully submitted,



Michael J. Gratz  
Registration No. 39,693

Dated: \_\_\_\_\_

9/30/03

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Andrew J. Wanie
Art Unit	
Examiner Name	
Attorney Docket Number	845.001

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 4,332,678	06-01-1982	Spiegl	
	AB	US- 4,986,902	01-22-1991	Serna	
	AC	US- 4,987,409	01-22-1991	Jackson	
	AD	US- 5,132,669	07-21-1992	Jackson	
	AE	US- 5,147,531	09-15-1992	Dougal	
	AF	US- 5,239,205	08-24-1993	Hoffman et al.	
	AG	US- 5,239,285	08-24-1993	Rak	
	AH	US- 5,297,428	03-29-1994	Carr et al.	
	AI	US- 5,340,954	08-23-1994	Hoffman et al.	
	AJ	US- 5,363,087	11-08-1994	Johannsen et al.	
	AK	US- 5,512,834	04-30-1996	McEwan	
	AL	US- 5,818,128	10-06-1998	Hoffman et al.	
	AM	US- 6,023,159	02-08-2000	Heger	
	AN	US- 6,188,228 B1	02-13-2001	Philipp	
	AO	US- 6,192,693 B1	02-27-2001	Kloppenber et al.	
	AP	US- 6,281,802 B1	08-28-2001	Venable et al.	
	AQ	US- 6,287,458 B1	09-11-2001	Lawrence	
	AR	US- 6,309,551 B1	10-30-2001	Sucheck, Jr. et al.	
	AS	US- 2001/0054966 A1	12-27-2001	Johannsen et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
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	BA	US- 6,456,202 B2	09-24-2002	Johannsen et al.	
	BB	US- 2002/0149489 A1	10-17-2002	Bearak	
	BC	US-			
	BD	US-			
	BE	US-			
	BF	US-			
	BG	US-			
	BH	US-			
	BI	US-			
	BJ	US-			
	BK	US-			
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	BS	US-			

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	BW					
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